



#5 1762

Patent  
Docket No: 55476US004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
William K. Leonard, David W. Leonard, and  
Bruce D. Shalles  
Serial No.: 10/044,276  
Filed: January 10, 2002  
For: SHEET COATER

Group Art Unit: 1762

Examiner: Unknown

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:	
Date <i>April 17, 2002</i>	Signature <i>Beth M. Lindblom</i>

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, enclosed please find a completed PTO-1449 form citing references submitted for consideration during examination of the above-referenced patent application. A copy of each of the references cited therein is also enclosed.

It is believed that no fee is due; however, in the event a fee is required, please charge it to Deposit Account No. 13-3723.

It is respectfully requested that the Examiner initial and return the enclosed PTO-1449 form in order to indicate that each of the references listed thereon has been considered in connection with the present application.

Registration Number 38,523	Telephone Number 651/737-9138
Date <i>4/17/02</i>	

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, Minnesota 55133-3427  
Facsimile: (651) 736-3833

Respectfully submitted,

By

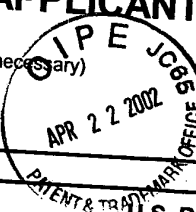
*Brian E. Szymanski*  
Brian E. SzymanskiRECEIVED  
APR 24 2002  
TC 1700

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 1 of 2



Application Number	10/044,276
Filing Date	January 10, 2002
First Named Inventor	Leonard, William K.
Art Unit	1762
Examiner Name	Unknown
Attorney Case Number	55476US004

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 1,043,021	10/29/1912	Mayer	
	A2	US- 2,105,488	01/18/1938	Massey et al.	
	A3	US- 2,105,981	01/18/1938	Massey et al.	
	A4	US- 2,229,620	01/21/1941	Bradner	
	A5	US- 2,229,621	01/21/1941	Bradner	
	A6	US- 2,237,045	04/01/1941	Bradner	
	A7	US- 2,245,045	06/10/1941	Bradner	
	A8	US- 3,018,757	01/30/1962	Loppnow	
	A9	US- 3,920,862	11/18/1975	Damschroder et al.	
	A10	US- 4,020,194	04/26/1977	McIntyre et al.	
	A11	US- 4,267,215	05/12/1981	Riggs	
	A12	US- 4,378,390	03/29/1983	Yoshida et al.	
	A13	US- 4,569,864	02/11/1986	McIntyre	
	A14	US- 4,748,043	05/31/1988	Seaver et al.	
	A15	US- 4,830,873	05/16/1989	Benz et al.	
	A16	US- 5,326,598	07/05/1994	Seaver et al.	
	A17	US- 5,332,797	07/26/1994	Kessel et al.	
	A18	US- 5,447,474	09/05/1995	Chang	
	A19	US- 5,460,120	10/24/1995	Paul et al.	
	A20	US- 5,536,314	07/16/1996	Rannestad	
	A21	US- 5,620,514	04/15/1997	Munter et al.	
	A22	US- 5,585,545	12/17/1996	Bennett et al.	
	A23	US- 5,599,602	02/04/1997	Leonard et al.	
	A24	US- 5,702,527	12/30/1997	Seaver et al.	
	A25	US- 5,733,608	03/31/1998	Kessel et al.	
	A26	US- 5,871,585	02/16/1999	Most et al.	
	A27	US- 5,954,907	09/21/1999	LaRose et al.	
	A28	US- 6,117,237	09/12/2000	Yapel et al.	

RECEIVED  
APR 24 2002  
TC 1700

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement — PTO-1449 (Modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets if necessary)

Page 2 of 2

Application Number	10/044,276
Filing Date	January 10, 2002
First Named Inventor	Leonard, William K.
Art Unit	1762
Examiner Name	Unknown
Attorney Case Number	55476US004

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Booth, G.L., "The Coating Machine", <u>Pulp and Paper Manufacture</u> , Vol. 8, pp. 76-87, Third Edition, 1990
	C2	Booth, G.L., <u>Evolution of Coating</u> , Vol. 1, Gorham International Incorporated
	C3	Gutoff, Edgar R. and Cohen, Edward D., "Problems Associated with Roll Coating an Related Processes", <u>Coating and Drying Defects</u> , pp. 74-95, 1995
	C4	Benjamin, Dean F., Anderson, Todd J., and Scriven, L.E., "Multiple Roll Systems: Steady-State Operation", <u>AIChE Journal</u> , V41, pp. 1045-1060, 1995
	C5	Benjamin, Dean F., Anderson, Todd J., and Scriven, L.E., "Multiple Roll Systems: Residence Times and Dynamic Response", <u>AIChE Journal</u> , V41, pp. 2198-2211, 1995

RECEIVE  
APR 24 2002  
TC 1700

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



OMB No. 0651-0011

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b>	<b>Serial No.:</b>
	55476US004	10/044,276
	<b>Applicant(s):</b> William K Leonard, David W. Leonard, and Bruce D. Shalles	
	<b>Filing Date:</b> January 10, 2002	<b>Group:</b> 1762

<b>U.S. APPLICATIONS</b>		<b>DO NOT PUBLISH</b>
<b>Examiner Initial</b>		
	Application Serial No. 09/757,955, filed January 10, 2001, "COATING DEVICE AND METHOD", pp 1-47 (20 sheets of drawings)	
	Application Serial No. 09/841,380, filed April 24, 2001, "ELECTROSTATIC SPRAY COATING APPARATUS AND METHOD", pp. 1-46 (17 sheets of drawings)	
	Application Serial No. 09/841,381, filed April 24, 2001, "VARIABLE ELECTROSTATIC SPRAY COATING APPARATUS AND METHOD", pp. 1-44 (17 sheets of drawings)	
	Application Serial No. 10/044,237, filed January 10, 2002, "COATING DEVICE AND METHOD USING PICK-AND-PLACE DEVICES HAVING EQUAL OR SUBSTANTIALLY EQUAL PERIODS", pp. 1-58 (38 sheets of drawings)	

RECEIVED  
APR 24 2002  
TC 1700

<b>EXAMINER</b>	<b>Date Considered</b>
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Based on Form PTO-FB-A820 (Also form PTO-1449)</small>	

Patent and Trademark Office, U.S. Department of Commerce